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measured in said step of exposing is indicative of binding of molecules.

3 (Amended). The tagging-free method of Claim 1 wherein said second layer [is] comprises material selected from the group consisting of aromatic polymers, doped or undoped metal oxides, sulfides, selenides, arsenides, tellurides, and nitride and phosphide nanocomposites.

11 (Amended). The tagging-free method of claim 1, wherein said [measuring step includes sensing photoluminescent light from the second layer when] light is applied to said first layer of said sensor, and said light is ultraviolet light with wavelength in the range of 200-700nm [is applied to the first layer].

12 (Amended). The tagging-free method of claim 11, wherein the wavelength of the ultraviolet light [applied] is in the range of 260-265 nm.

20 (Amended). The tagging-free method of claim 1, [including providing a discontinuous first layer comprising different nucleic acid sequences in different sections of] wherein said first layer comprises a plurality of sections each of which comprises a different nucleic acid sequence.

REMARKS

The application includes claims 1-23, which represent Applicant's previous election, without traverse, of the "Group I" claims.

35 U.S.C. § 112, second paragraph rejection

Claims 1-23 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In particular, claim 1 has been rejected as indefinite because, according to the Examiner, it lacks a final process step that clearly relates back to the preamble.

Claim 1 has hereby been amended to recite that the photoluminescence measured in the